

SOURCES SOUGHT NOTICE

General Information

Solicitation Number: W912DR-09-S-0002
Restriction: 100% Set Aside for Small Business
Title: Renewable Solar Energy Roofing
Location: Adelphi Laboratory Center, Adelphi, Maryland
Issue Date: 15 December 2008
Closing Date: 15 January 2009
Classification Code: 541330
Contracting POC: Sarika N. McCoy, sarika.n.mccoy@usace.army.mil.

Synopsis: THIS IS NOT A REQUEST FOR PROPOSALS, QUOTATIONS OR BIDS.

This is a Request for Information ONLY.

DESCRIPTION. The U.S. Army Corps of Engineers, Baltimore District (USACE) is seeking industry feedback from small business contractors on current and future renewable thermal energy generated roofing. The purpose of this RFI is to gather industry-wide feedback on competition for Solar Thermal Tile-Air Heating for Roofing.

NOTICE. This RFI is issued solely for information and planning purposes, it does not constitute a Request for Proposal (RFP) or a promise to issue an RFP in the future. This RFI does not commit the Government to a contract for any supply or service whatsoever. Furthermore, the Government is not at this time seeking proposals and will not accept unsolicited proposals. Responders are advised that the Government will not reimburse for any information or administrative costs incurred in response to this RFI; all costs associated with responding to this RFI will be solely at the interested parties' expense. Not responding to this RFI does not preclude participation in a future RFP, if one is issued.

BACKGROUND. The Adelphi Laboratory Center (ALC) working in conjunction with the U.S. Army Corps of Engineers, Baltimore District is researching the replacement of their 80,373 total square feet of deteriorated roofs with Solar Thermal Tile Air-heating Roof Systems, which embraces solar/renewable energy technology. The installation is seeking to meet its energy reduction goal as well as its goal to reduce energy costs, in addition to participating in the endeavor to reduce greenhouse gases throughout the nation.

The integration of the solar energy collection systems into the building and mechanical systems should reduce energy consumption at a minimum of 3% annually. The goal is to attain a solar roofing system that will perform the function of a roof while it collects solar energy. The roof should keep precipitation out of the building, resist wind and weight of snow, sleet and ice, and also form a thermal and vapor boundary to keep the building beneath it warm or cold, humid or dry. The solar

energy captured from the sunlight falling on the building should be able to use in space heating and hot water heating. The solar roofing system should deliver different levels of thermal energy to match the varying needs of each facility.

INFORMATION REQUEST. The Adelphi Laboratory Center working in conjunction with the U.S. Army Corps of Engineers, Baltimore District is requesting information on solar energy collection systems that can exhibit capabilities of designing and installing a solar energy collection system. The Government is interested in currently available solar roofing systems that meet or exceed these capabilities and/or planned solar roofing systems that meet or exceed these capabilities. Interested parties are requested to submit the following information with a cover letter containing points of contacts (POCs).

1. Demonstrate that your Solar Roofing System will be able to replace approximately 80,373 total square feet of deteriorated roofs on multiple buildings at the Adelphi Laboratory Center, Adelphi, Maryland.
2. Demonstrate that the Solar Roofing System will be a solar thermal air exchange-heating roof system able to utilize solar/renewable energy technology.
3. Demonstrate that the proposed Solar Roofing System will reduce energy consumption at the ALC by providing typical annual savings experienced (for typical heating season of October through April) through implementation of renewable thermal energy product installation and evaluation.
4. Demonstrate that the Solar Roofing System will have a service life of at a minimum of 40 years.
5. Demonstrate that the Solar Roofing System will perform the function of a roof while it collects solar energy (i.e. it will keep precipitation out of the building, resist wind and weight of snow, sleet and ice, and also form a thermal and vapor boundary to keep the building beneath it warm or cold, humid or dry).
6. Demonstrate that the Solar Roofing System that the solar energy captured from the sunlight falling on the building will be used in space heating and hot water heating.
7. Demonstrate that the Solar Roofing System will deliver different levels of thermal energy to match the varying needs of each facility.

The Government recognizes that vendors can provide other pertinent information to distinguish their products, and are encouraged to do so. For example, minimum reduction of energy consumption of 3% is considered necessary for ALC goals, there maybe technologies that can meet or exceed this desired result in a more efficient and effective manner.

**SUBMISSION
REQUIREMENT:**

Interested parties are requested to submit capability_statements, product information, technical approach and statement certifying small business status no later than 15 January 2009 to 10 S. Howard Street, Baltimore, MD 21201, Room 7000, C/O Sarika N. McCoy, Contract Specialist. Submissions shall not exceed (10) pages (11 font minimum). Tables, graphs, etc. will count towards page count total (smaller font is allowed for these items, but the text must be legible). All data received in response to this Sources Sought Notice marked or designated as corporate or proprietary information will be fully protected from release outside the Government.

No telephone calls will be accepted requesting a bid package or solicitation. There is no bid package or solicitation. In order to protect the procurement integrity of any future procurement, if any, that may arise from this announcement, information regarding technical point of contact will not be given and no appointments for presentations will be made. Please refer any questions to sarika.n.mccoy@usace.army.mil.

**Register as an
Interested Party:**

[Download the attached form](#), complete, and return as directed.